



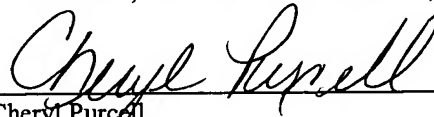
DOCKET NO: VSEA 44-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul S. Buccos
Serial No: 10/761,768
Confirmation No: 2891
Filed: January 21, 2004
For: ION IMPLANTER SYSTEM, METHOD AND PROGRAM
PRODUCT INCLUDING PARTICLE DETECTION
Examiner: Kiet Tuan Nguyen
Art Unit: 2881

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on the 27 day of November, 2004.


Cheryl Purcell

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

In response to the Restriction Requirement mailed September 29, 2004, the following remarks are provided.

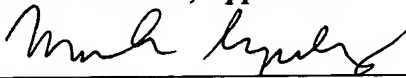
Claims 1-22 remain present in this application. Restriction has been required between a group I invention directed to an ion implanter system and/or method for controlling an ion implanter system including at least claims 1-13 and 17-20, a group II invention directed to a method of detecting a particle level of an ion beam including at least claims 14-16 and a group III invention directed to a computer product including at least claims 21 and 22. It is alleged in this requirement that the group I, group II and group III inventions are distinct because each of the inventions recite limitation not recited in the other invention and that the differing limitations make the inventions patentably distinct from one another.

To comply with this restriction requirement, the group I invention, including at least claims 1-13 and 17-20, directed to an ion implanter system and/or method for controlling an ion implanter system is elected with traverse. However, it is respectfully requested that the restriction requirement be reconsidered and withdrawn as it is believed that search and examination for claims 1-22 of the present application can be performed without serious burden.

Early allowance of claims 1-22 is earnestly solicited. To expedite examination of the present application, the undersigned attorney be contacted at 978-282-5915 to any outstanding matters.

In the event that any additional fees are necessary, such fees may be charged to Deposit Account No. 50-0896.

Respectfully submitted,
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